A/// CABLING AND SIGNAL DIAGRAM

DATE 8/08/83 DRAWN BY: TOM DOON

PIN	NAME
1	IO SEL X
2	A0
3	A1
4	A2
5	A3
6	A4
7	A5
8	A6
9	A7
10	A8
11	A9
12	A10
13	A11
14	A12
15	A13
16	A14
17	A15
18	R/W
19	PH 0
20	IO STR B
21	RDY
22	TSA0B
23	N.C.
24	N.C.
25	+5V
26	GND
27	DMA OK
28	DMAI
29	IOMMI
30	IRQX
31	RESET
32	INH
33	-12V
34	-5V
35	I/O SYNC
36	C7M
37	Q3
38	PERIN
39	C02X
40	PERIN
41	DEVSELX
42	D7
43	D6
44	D5
45	D4
46	D3
47	D2
48	D1
49	D0
50	+12V

PROFILE CARD 656-0103

1	PHI	10	GND	19	GND
2	GND	11	XD5	20	GND
3	IR W	12	XD6	21	CRES
4	GND	13	XD7	22	XD3
5	XD0	14	GND	23	XD4
6	XD1	15	PSTRB	24	GND
7		16	BSY/INT	25	CDET
8	XD2	17	GND	26	
9	GND	18	RPARITY		

OLD PROFILE CABLE (WITH PIN 7)

I/O PROFILE 590-0046 36"

519-0110 DB-25 MALE — (PIN OUT 1-26 PIN TO PIN NOT SHIELDED) — 519-0110 DB-25 MALE

LISA/PROFILE CABLE 590-0136 36"

519-0110 DB-25 MALE — (PIN OUT 1-6 [NO PIN 7] 8-26 PIN TO PIN NOT SHIELDED) — 519-0110 DB-25 MALE

PROFILE 656-8110

SERIAL CARD 670-0129

PIN	NAME	PIN	NAME	PIN	NAME
1	FRAME GND	10	-5V	19	
2	TXD	11		20	DTR
3	RXD	12		21	
4	RTS	13		22	
5	CTS	14		23	
6	DSR	15		24	
7	SIGNAL GND	16		25	
8	DCD	17			
9	+5V	18			

DWP 640-8103 US 640-8104 EURO (QUME PRINTER)

SERIAL & COMM CD CABLE 590-0037 79"

520-0030 DB-25 MALE 515-0022 PINS — (PIN OUT 1,2,3,4,5,6,7,8,12,13,19,20,23 PIN TO PIN 6 SHIELDED) — 520-0030 DB-25 MALE 515-0022 PINS

PLOTTER (YOKAGAWA)

DMP SERIAL 640-8108 US 640-8109 EURO (C. ITOH PRINTER)

UPIC CARD 670-8017

PINS 20P	PINS 40P	NAMES	PORTS
	1 2	D00 D01	B B
	3 4	D02 D03	B B
	5 6	D04 D05	B B
	7 8	D06 D07	B B
	X X	PINS REMOVED	
1 2	11 12	SIG GND ACK INPUT	
3 4	13 14	D10 D11	B B
5 6	15 16	D12 D13	B B
7 8	17 18	D14 ST OUT	B
9 10	19 20	D15 D00	B A

PINS 20P	PINS 40P	NAMES	PORTS
11 12	Z1 Z2	D01 D02	A A
13 14	23 24	D03 D04	A A
15 16	25 26	D05 D06	A A
17 18	27 28	D07 D16	A B
19 20	29 30	D17 SIG GND	B
	X X	PINS REMOVED	
	33 34	DATA RDY OUT SIG GND	
	35 36	SIG GND SIG GND	
	37 38	SIG GND DATA RDY ACK IN	
	39 40	SIG GND SIG GND	

PARALLEL ADAPT/UPIC CABLE 590-0128 5"

517-0033 IDC 20P FEMALE — (PIN OUT 1-2 2-16 3-14 4-1 5-3 6-17 7-18 8-15 9-19 10-5 11-6 12-8 13-22 14-23 15-11 16-12 17-13 18-21 19-25 20-24 NOT SHIELDED) — 520-0020 DB-25 FEMALE 515-0029 SOCKETS

EXT. PARALLEL PRINTER 590-0042 79"

520-0030 DB-25 MALE 515-0022 PINS — (PIN OUT 2-19-5-2 6-3 8-4 11-7 12-8 13-9 14-11 15-1 16-10 18-35 19-12 21-13 22-5 23-6 24-16 25-32 6 SHIELDED) — 519-0039 RIBBON 36P MALE

DMP PARALLEL 640-8108 US 640-8109 EURO (C. ITOH PRINTER)

Preliminary

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FLOPPY DISKS | PORT A | PORT B | COLOR VIDEO | B/W VIDEO | AUDIO | PORT C RS232-C | POWER

DWP 640-8103 (QUME PRINTER)

MODEM ELIMINATOR WITH SHIELD 590-0166 13"

520-0020 DB-25 MALE 515-0023 PINS — (PIN OUT 1-1 7-7 2-3 3-2 4-8 5-5 8-4 6-20 20-6 SHIELDED) — 520-0030 DB-25 FEMALE 515-0022 SOCKETS

MODEM ELIMINATOR 590-0029 13"

520-0020 DB-25 MALE 515-0023 PINS — (PIN OUT 1-1 7-7 2-3 3-2 4-8 5-5 8-4 6-20 20-6 NOT SHIELDED) — 520-0030 DB-25 FEMALE 515-0022 SOCKETS

PIN	NAME
1	SCHO
2	TXD
3	RCD
4	RTS
5	CTS
6	DSR
7	GND
8	DCD
9-19	NO CONNECT
20	DTR

SERIAL & COMM CD CABLE 590-0037 79"

520-0030 DB-25 MALE 515-0022 PINS — (PIN OUT 1,2,3,4,5,6,7,8,12,13,19,20,23 PIN TO PIN 6 SHIELDED) — 520-0030 DB-25 MALE 515-0022 PINS

PLOTTER (YOKAGAWA)

DMP SERIAL 640-8108 US 640-8109 EURO (C. ITOH PRINTER)

This miniature phone jack carries a 0.5 volt peak-to-peak audio signal on its tip and signal ground on its ring. When a miniature phone plug is inserted in this connector, the Apple ///'s speaker is disabled.

NONE

This RCA connector carries the BWVID black and white NTSC compatible video signal (same as pin 11 on the color video connector) on its tip and signal ground on its ring.

PIN	NAME	PIN	NAME	PIN	NAME
1	SG	7	-5V	13	GND
2	XRGB4	8	+12V	14	-12V
3	SYNCH	9	XRGB2	15	+5V
4	POI	10	XRGB3		
5	XRGB1	11	BWVID		
6	GND	12	NTSC		

NONE

MONITOR COAX 590-0025 36"

515-0040 PHONO MALE — (SHIELDED) — 515-0040 PHONO MALE

MONITOR ///
699-0045 B/W
699-0060 GREEN

PIN	NAME	PIN	NAME
1	GND	6	+12V
2	+5V	7	GND
3	GND	8	JSO-Y
4	JSO-X	9	JSO-Sw
5	JSO-B		

515-0040 DB-9 MALE — 58" (SHIELDED ??)

CURSOR ///
658-8002

PIN	NAME	PIN	NAME
1	GND	6	+12V
2	+5V	7	GND
3	GND	8	JS1-Y
4	JS1-X	9	JS1-Sw
5	JS1-B		

SILENTYPE INTERFACE CABLE 590-0020 45"

519-0031 DB-9 MALE — (PIN OUT 1-9 2-8 3-7 4-6 5-5 6-4 7-3 8-2 9-1 NOT SHIELDED) — 519-0030 IDC 9 PIN FEMALE

SILENTYPE ///
640-8201

PINS	NAME	PINS	NAME	PINS	NAME	PINS	NAME
1	SHLDGND	9	-12F	17	+12F	A3	A3*
2	DPH0	10	WRREQ	18	WR DATA	25	N.C.
3	GND	11	+5F	19	+12F	26	EXT
4	DPH1	12	+5F	20	WR PROT		
5	GND	13	+12F	21	ENBL1,E		
6	PH2	14	ENBL1,E	22	ENBL2,E		
7		15	+12F	23	A1I		
8	PH3	16	RD DATA	24	SIDE 2/1		

517-0030 IDC 26P FEMALE — EXT. DISK/INT. 590-0024 24" (PIN OUT 26 PINS PIN TO PIN NOT SHIELDED)

DISK ///
650-8106